```
import pandas as pd
pd.set_option('display.max_columns', 10)
print("Original data set from Excel file:\n")
df=pd.read_excel("E:/hari/employees.xlsx")
print(df)
f=df['First Name'].str.strip()
f.to_excel("E:/hari/employees.xlsx")
print("\nReplace value with Forward:\n")
→ Original data set from Excel file:
     FileNotFoundError
                                              Traceback (most recent call last)
     <ipython-input-1-94d6cdc3a4f1> in <cell line: 4>()
          2 pd.set_option('display.max_columns', 10)
          3 print("Original data set from Excel file:\n")
     ----> 4 df=pd.read_excel("E:/hari/employees.xlsx")
           5 print(df)
           6 f=df['First Name'].str.strip()
                                   — 🐧 3 frames -
     /usr/local/lib/python3.10/dist-packages/pandas/io/common.py in get_handle(path_or_buf, mode, encoding, compression, memory_map,
     is_text, errors, storage_options)
         220
                    else:
         881
                         # Binary mode
                        handle = open(handle, ioargs.mode)
     --> 882
        883
                    handles.append(handle)
         884
     FileNotFoundError: [Errno 2] No such file or directory: 'E:/hari/employees.xlsx'
 Next steps: Explain error
k=df.fillna(method='pad')
print("\nThe above updated data set will be stored in sample2.xlsx file...\n")
k.to_excel("E:/hari/employees.xlsx")
        First Name Gender Start Date Last Login Time
                                                         Salary Bonus % \
₹
                                        12:42:00
     0
           Douglas
                      Male 1993-08-06
                                                        97308.0
                                                                   6.945
     1
            Thomas
                      Male 1996-03-31
                                             06:53:00
                                                        61933.0
                                                                   4.170
     2
             Maria Female 1993-04-23
                                             11:17:00 130590.0
                                                                  11.858
     3
             Jerry
                      Male 2005-03-04
                                             13:00:00 138705.0
                                                                   9.340
     4
                      Male 1998-01-24
                                            16:47:00 101004.0
                                                                   1.389
             Larry
                      Male 2014-11-23
             Henry
                                             06:09:00 132483.0
     996
            Phillip
                      Male 1984-01-31
                                             06:30:00
                                                       42392.0
                                                                  19.675
     997
           Russell
                      Male 2013-05-20
                                                        96914.0
                                             12:39:00
                                                                   1.421
                                                        60500.0
     998
             Larry
                      Male 2013-04-20
                                             16:45:00
                                                                  11.985
                                             18:24:00 129949.0
     999
            Albert
                      Male 2012-05-15
                                                                  10.169
          Senior Management
                                            Team
     0
                        1.0
                                       Marketing
     1
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                                       Marketing
                        0.0
                                         Finance
     3
                        1.0
                                         Finance
                                 Client Services
     4
                       1.0
     995
                        0.0
                                    Distribution
     996
                        0.0
                                         Finance
     997
                        0.0
                                         Product
     998
                        0.0 Business Development
     999
                       1.0
                                           Sales
     [1000 rows x 8 columns]
     The above updated data set will be stored in sample2.xlsx file...
print("\nDrop one particular column and its values:\n")
k.drop(['Gender'], axis=1, inplace=True)
print("The above updated data set will be stored in sample3.alsa file\n")
     Drop one particular column and its values:
         First Name Start Date Last Login Time
                                                 Salary Bonus % \
            Douglas 1993-08-06 12:42:00
                                                97308.0
                                                          6.945
             Thomas 1996-03-31
                                     06:53:00
                                                61933.0
                                                           4.170
     1
             Maria 1993-04-23
                                     11:17:00 130590.0
                                                          11.858
     3
             Jerry 2005-03-04
                                     13:00:00 138705.0
                                                           9.340
             Larry 1998-01-24
                                     16:47:00 101004.0
                                                           1.389
```

```
16.655
     995
              Henry 2014-11-23
                                       06:09:00 132483.0
     996
            Phillip 1984-01-31
                                       06:30:00
                                                  42392.0
                                                             19.675
            Russell 2013-05-20
                                       12:39:00
                                                   96914.0
                                                              1.421
     997
     998
              Larry 2013-04-20
                                       16:45:00
                                                   60500.0
                                                             11.985
             Albert 2012-05-15
     999
                                       18:24:00 129949.0
                                                             10.169
          Senior Management
                                              Team
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                                         Marketing
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     2
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                                           Finance
     4
                         1.0
                                   Client Services
     995
                         0.0
                                      Distribution
                         0.0
     996
                                           Finance
                         0.0
                                           Product
     998
                         0.0
                              Business Development
     999
                                             Sales
                         1.0
     [1000 rows x 7 columns]
     The above updated data set will be stored in sample3.alsa file
k.to_excel("E:/hari/employees.xlsx")
print("\nDrop NaN rows:\n")
df=pd.read_excel("E:/hari/employees.xlsx")
print(df)
x=df.dropna()
print(x)
print("\nThe above updated data set will be stored in sample5.xlsx file....\n")
x.to_excel("E:/hari/employees.xlsx")
     Drop NaN rows:
          Unnamed: 0 First Name Start Date Last Login Time
                                                              Salarv
     0
                   0
                        Douglas 1993-08-06
                                                   12:42:00
                                                               97308
                                                                        6.945
                          Thomas 1996-03-31
                                                   06:53:00
                                                               61933
                                                                        4.170
     1
                   1
                          Maria 1993-04-23
                                                   11:17:00
                                                              130590
                                                                       11.858
     2
                   2
                          Jerry 2005-03-04
                                                   13:00:00
                                                              138705
                                                                        9.340
     3
                   3
     4
                   4
                          Larry 1998-01-24
                                                   16:47:00
                                                              101004
                                                                        1.389
     995
                 995
                          Henry 2014-11-23
                                                   06:09:00
                                                              132483
                                                                       16.655
     996
                 996
                        Phillip 1984-01-31
                                                   06:30:00
                                                               42392
                                                                       19.675
     997
                 997
                         Russell 2013-05-20
                                                   12:39:00
                                                               96914
                                                                        1.421
     998
                 998
                          Larry 2013-04-20
                                                   16:45:00
                                                               60500
                                                                       11.985
     999
                 999
                         Albert 2012-05-15
                                                   18:24:00
                                                             129949
                                                                       10.169
          Senior Management
                                              Team
                                         Marketing
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                                         Marketing
     2
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                                           Finance
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                                           Finance
     4
                          1
                                   Client Services
                                      Distribution
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                           0
                                           Finance
                          0
                                           Product
     998
                          0
                             Business Development
     999
                                             Sales
     [1000 rows x 8 columns]
          Unnamed: 0 First Name Start Date Last Login Time
                                                              Salary
                                                                      Bonus % \
     0
                   0
                         Douglas 1993-08-06
                                                   12:42:00
                                                               97308
                                                                        6.945
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                   1
                          Thomas 1996-03-31
                                                   06:53:00
                                                               61933
                                                                        4.170
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                          Maria 1993-04-23
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                                                              130590
                                                                       11.858
     3
                   3
                           Jerry 2005-03-04
                                                   13:00:00
                                                              138705
                                                                        9.340
     4
                          Larry 1998-01-24
                                                   16:47:00
                                                              101004
                                                                        1.389
                             . . .
                          Henry 2014-11-23
                                                   06:09:00
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                                                                       16,655
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                         Phillip 1984-01-31
                                                   06:30:00
                                                               42392
                                                                       19.675
                 997
     997
                         Russell 2013-05-20
                                                   12:39:00
                                                               96914
                                                                        1.421
     998
                 998
                          Larry 2013-04-20
                                                   16:45:00
                                                               60500
                                                                       11.985
     999
                 999
                          Albert 2012-05-15
                                                   18:24:00 129949
                                                                       10.169
          Senior Management
                                              Team
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                                           Finance
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                                           Finance
     4
                                   Client Services
                          1
                                      Distribution
     995
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     996
                          0
                                           Finance
     997
                          0
                                           Product
     998
                          0
                              Business Development
```

```
[1000 rows x 8 columns]
print("\nReplace values:\n")
n=pd.read_excel("E:/SHEIK/employees.xlsx")
print("Original data set:\n");
print(n)
y=n.replace({49:50})
print("\nUpdated dataset with replaced values: (49:50)\n")
print(y)
print("\nThe above updated data set will be stored in sample6.xlsx file....\n")
y.to_excel("E:/SHEIK/employees.xlsx")
     Replace values:
     Original data set:
          Unnamed: 0.1
                        Unnamed: 0 First Name Start Date Last Login Time
                                  0
                                       Douglas 1993-08-06
                     0
                                                                 12:42:00
                                  1
                                        Thomas 1996-03-31
                                                                 06:53:00
                                                                             61933
     1
                     1
                     2
                                  2
                                         Maria 1993-04-23
                                                                 11:17:00
                                                                            130590
                                         Jerry 2005-03-04
                                                                            138705
     3
                     3
                                 3
                                                                 13:00:00
                                         Larry 1998-01-24
     4
                     4
                                                                 16:47:00
                                                                            101004
                                 4
                                                                 06:09:00
     995
                   995
                               995
                                         Henry 2014-11-23
                                                                           132483
     996
                   996
                               996
                                       Phillip 1984-01-31
                                                                 06:30:00
                                                                             42392
     997
                   997
                               997
                                       Russell 2013-05-20
                                                                 12:39:00
                                                                             96914
     998
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                               998
                                         Larry 2013-04-20
                                                                 16:45:00
                                                                             60500
     999
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                               999
                                        Albert 2012-05-15
                                                                 18:24:00
                                                                            129949
          Bonus % Senior Management
                                                       Team
            6.945
                                                  Marketing
            4.170
                                                  Marketing
     1
                                    1
     2
           11.858
                                                    Finance
                                    0
            9.340
     3
                                    1
                                                    Finance
     4
            1.389
                                    1
                                            Client Services
     995
           16.655
                                               Distribution
     996
           19.675
                                                    Finance
     997
            1.421
                                                    Product
     998
           11.985
                                       Business Development
           10.169
     [1000 rows x 9 columns]
     Updated dataset with replaced values: (49:50)
          Unnamed: 0.1 Unnamed: 0 First Name Start Date Last Login Time
                                                                            Salary
     0
                     0
                                  0
                                       Douglas 1993-08-06
                                                                 12:42:00
                                                                             97308
                                        Thomas 1996-03-31
                                                                  06:53:00
                                                                             61933
                                  1
                                         Maria 1993-04-23
                                                                 11:17:00
     2
                     2
                                                                            130590
                                         Jerry 2005-03-04
                                  3
                                                                 13:00:00
                                                                           138705
     4
                     4
                                  4
                                         Larry 1998-01-24
                                                                 16:47:00
                                                                            101004
                                         Henry 2014-11-23
                                                                 06:09:00
                                                                            132483
     995
                   995
                               995
     996
                   996
                                                                 06:30:00
                                                                             42392
                               996
                                       Phillip 1984-01-31
                   997
                               997
                                       Russell 2013-05-20
                                                                             96914
     997
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     998
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                               998
                                         Larry 2013-04-20
                                                                 16:45:00
                                                                             60500
     999
                   999
                               999
                                        Albert 2012-05-15
                                                                 18:24:00 129949
          Bonus %
                  Senior Management
     0
            6.945
                                                  Marketing
     1
            4.170
                                    1
                                                  Marketing
           11.858
                                    0
     2
                                                    Finance
     3
            9.340
                                                    Finance
                                    1
     4
            1.389
                                            Client Services
                                    1
                                               Distribution
     995
           16.655
                                    0
     996
           19,675
                                    0
                                                    Finance
     997
            1.421
                                                    Product
print("Original data set from Excel file:\n")
df=pd.read_excel("E:/SHEIK/employees.xlsx")
print(df)
print("\nextract the particular record based on the isin() function condition:\n")
new=df['Start Date'].isin([49])
print(df[new])
→ Original data set from Excel file:
          Unnamed: 0.2
                                      Unnamed: 0 First Name Start Date
                        Unnamed: 0.1
                     0
                                    0
                                                     Douglas 1993-08-06
     1
                     1
                                    1
                                                1
                                                      Thomas 1996-03-31
     2
                     2
                                                2
                                                       Maria 1993-04-23
     3
                                                       Jerry 2005-03-04
                     3
                                    3
                                                3
                     4
                                    4
                                                4
                                                       Larry 1998-01-24
```

• •				
995	995	995	995	Henry 2014-11-23
996	996	996	996	Phillip 1984-01-31
997	997	997	997	Russell 2013-05-20
998	998	998	998	Larry 2013-04-20
999	999	999	999	Albert 2012-05-15

	Last Login Time	Salary	Ronus %	Senior Management	Team
	Last Login Time	Sarai y	DOITUS //	Senitor management	i Calli
0	12:42:00	97308	6.945	1	Marketing
1	06:53:00	61933	4.170	1	Marketing
2	11:17:00	130590	11.858	0	Finance
3	13:00:00	138705	9.340	1	Finance
4	16:47:00	101004	1.389	1	Client Services
995	06:09:00	132483	16.655	0	Distribution
996	06:30:00	42392	19.675	0	Finance
997	12:39:00	96914	1.421	0	Product
998	16:45:00	60500	11.985	0	Business Development
999	18:24:00	129949	10.169	1	Sales

[1000 rows x 10 columns]

Extract the particular record based on the isin() function condition:

Empty DataFrame

Columns: [Unnamed: 0.2, Unnamed: 0.1, Unnamed: 0, First Name, Start Date, Last Login Time, Salary, Bonus %, Senior Management, Team Index: []

Start coding or generate with AI.